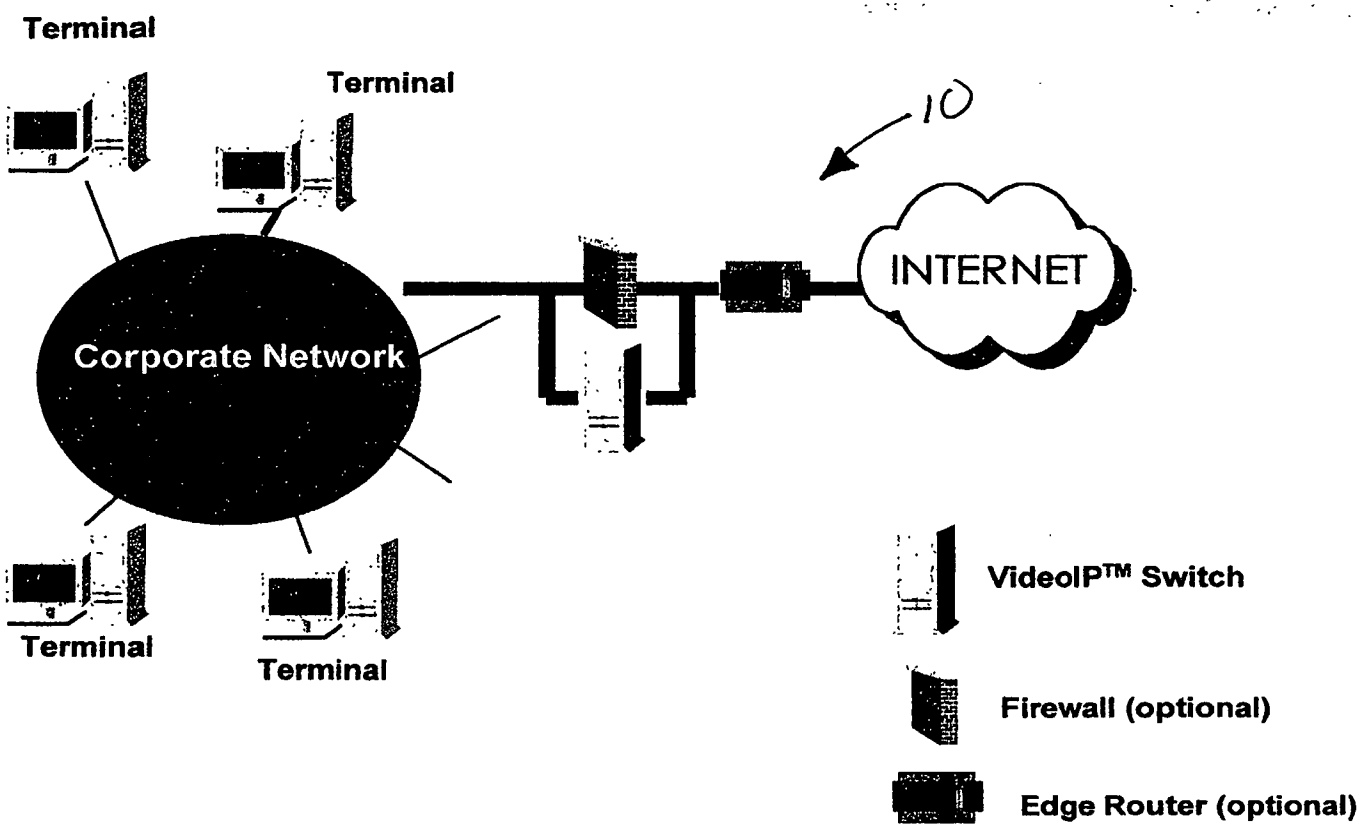
VideoIP™ Deployment Scenario (Fig 1)



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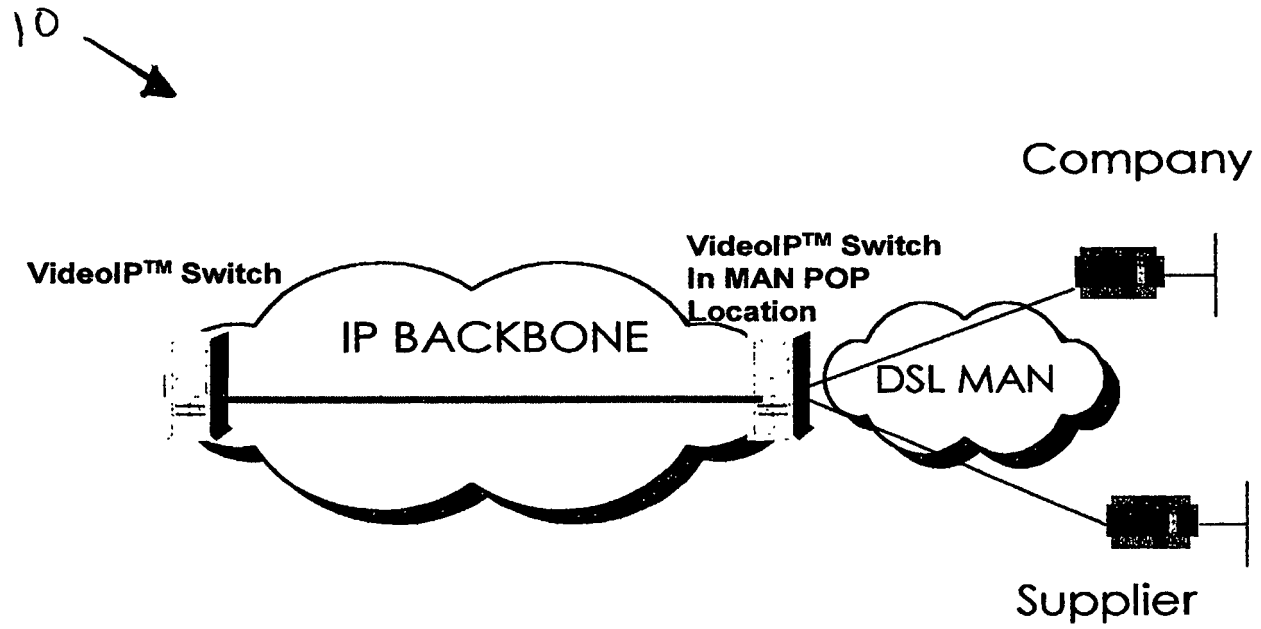
VideoIP™ Deployment Scenario (Fig 2)



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VideoIP™ Product Overview

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Agenda

Background
Positioning
Architecture
Deployment Scenarios
Features and Benefits
Open Forum

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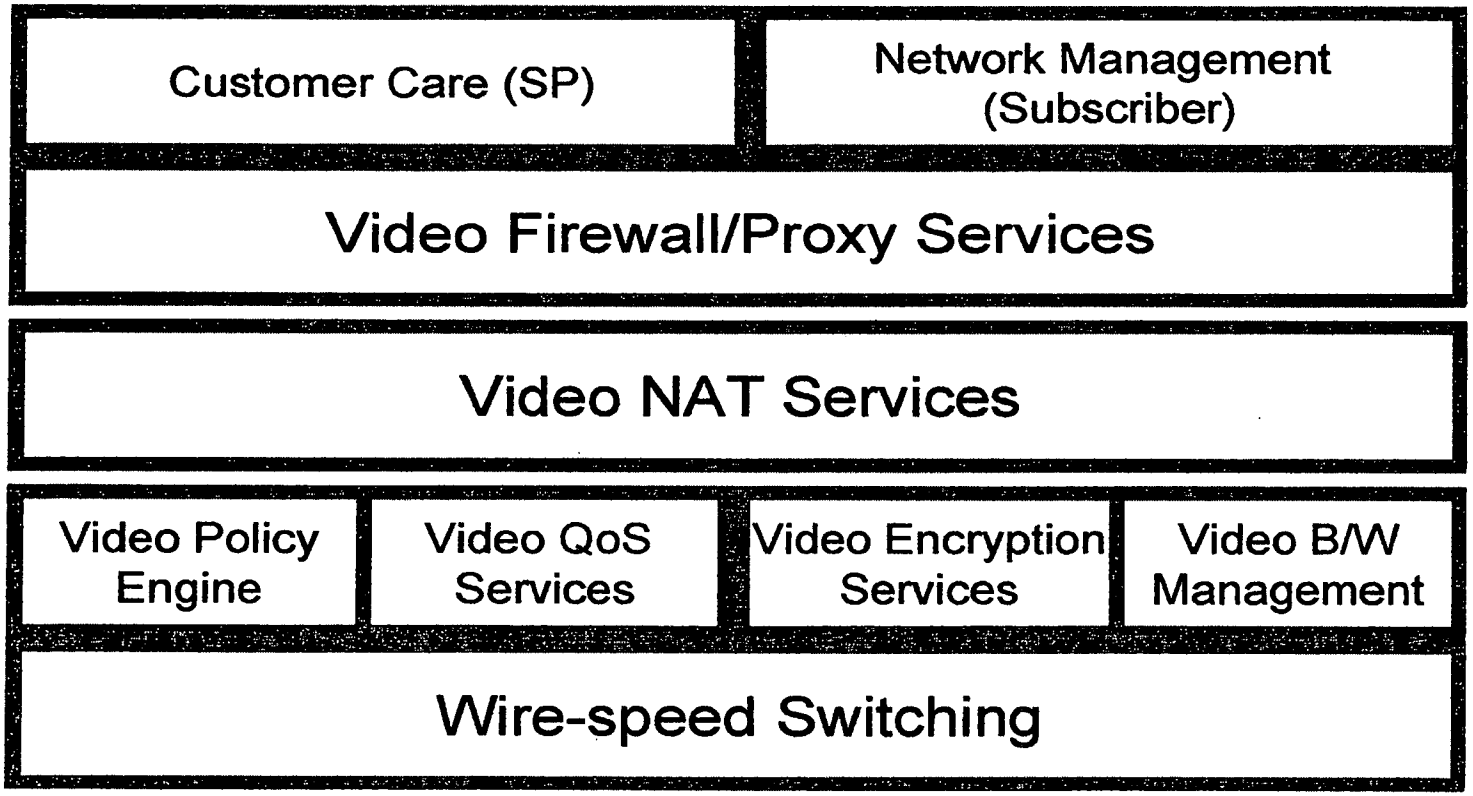
VideoIP™ Architecture



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VideoIP™ 8000 Features

VideoIP Customer Care

- UNIX-based Service Management System (SMS) for centrally provision and manage IP video services including applications for fault, configuration, performance and accounting
- Communicates with and manages VideoIP 1000 switches via SNMP V2

VideoIP Network Management

- Browser-based system for subscribers
- Ad-hoc or timed SLA reports
- Self-provisioning and policy management

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VideoIP™ 8000 Features

Video Firewall Services

High-performance H.323 proxy/gatekeeper enabling secure incoming and outgoing call resolution

30-100 simultaneous calls at 1.5 Mb/s full-duplex bandwidth

Video NAT Services

Enabling NAT/PAT services for H.323 datastreams

Video Policy Engine

IP-level policy management using source/destination IP and port information

Session-level policy management using authentication, per-user maximum bandwidth, incoming/outgoing calling, audio/video, time-of-day, and encryption

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VideoIP™ 8000 Features

Video QoS Services

SLA Monitoring

MPLS support

Video Encryption Services

Support of encrypted tunnels for video communication

Video Bandwidth Management Services

Configuration of aggregate, per-user and per-session bandwidth

Wire-speed Switching

Built-in IP routing capability (OSPF, BGP, RIP)

Maximum aggregate OC-3 (155 Mbps) bandwidth per switch

Interfaces

LAN: 10BT, 100BT, 1000BT and WAN: OC-3 ATM, DS-3

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Open Forum

- Feedback regarding product specs
- Plans for IP video
- Next steps

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